



## **REPLACEMENT ABSTRACT**

### **ABSTRACT OF THE DISCLOSURE**

A mobile communication system is provided for use in communication. The mobile communication system may include a radio control station (CS), a base station (BS), and a mobile station (MS). The BS is connected to the CS, and the MS may perform, with the BS, data communication in a parallel combinatory spread-spectrum (PCSS) scheme. The CS comprises at least a storage storing a plurality of communication parameters corresponding to the BS and a transmitter transmitting a determined parameter to the BS. The BS comprises a receiver receiving a determined parameter from the CS, a determining unit for determining transmitting power and a transmitter transmitting data generated by using the determined parameter and performing spreading processing to the MS. Further, the MS comprises a reproduction unit reproducing data by using the determined parameter and performing despreading processing.